

AVAILABLE MOUNTING CONFIGURATIONS

6NHPP-F16K FRAME MOUNT

OPERATING LEVELS

MIN FLOW	300 GPM	68.14 m ³ /h
MAX FLOW	2000 GPM	454.25 m ³ /h
DISCHARGE SIZE	6"	152 mm
SUCTION SIZE	6"	152 mm
SOLIDS HANDLING	4"x6"	101.6mm x 152.4mm
MAX SPEED	1400 RPM	1400 RPM
SHUT-OFF HEAD	120'	36.6 m
BEP HEAD	64'	19.51 m
BEP FLOW	1650 GPM	374.75 m ³ /h
BEP PERCENT	75%	75%



A typical picture of the pump is shown. Please contact Gemstone Pump Company for further details. All information is approximate and for general guidance only.

PARTS	STANDARD MATERIAL (FOOD PUMPS)
WEAR RING	CAST IRON, ASTM A48
IMPELLER	304 STAINLESS STEEL
VOLUTE	DUCTILE IRON, ASTM A536
SHAFT	STRESSPROOF STEEL
SHAFT SLEEVE	303 STAINLESS STEEL
SEAL HOUSING	DUCTILE IRON, ASTM A536
SEAL	FOOD GRADE PACKING
BEARING FRAME	CAST IRON, ASTM A48

The 6NHPP pump is designed with Gemstone's renowned quality and durability. It features a 6" discharge and a 6" suction with an offset volute and enclosed, single-port impeller. Gemstone's patented Cycloseal® design is optional, with a Type 1 single mechanical seal with elastomers, stainless steel hardware and tungsten carbide vs. silicon carbide seal faces for abrasion resistance. Also available with food-grade packing. Bearings are heavy-duty, oil or grease lubricated, deep groove ball bearings with a minimum of 50,000 hours bearing life.

- Offset Volute Design, passes food through the center of discharge without contacting the volute wall
- Single port impeller for handling whole or processed foods
- Available with Food grade packing (Standard) or Cycloseal Standard with Ductile iron wet end and a 304SS impeller Optional Run-Dry lubrication system



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



RENTAL

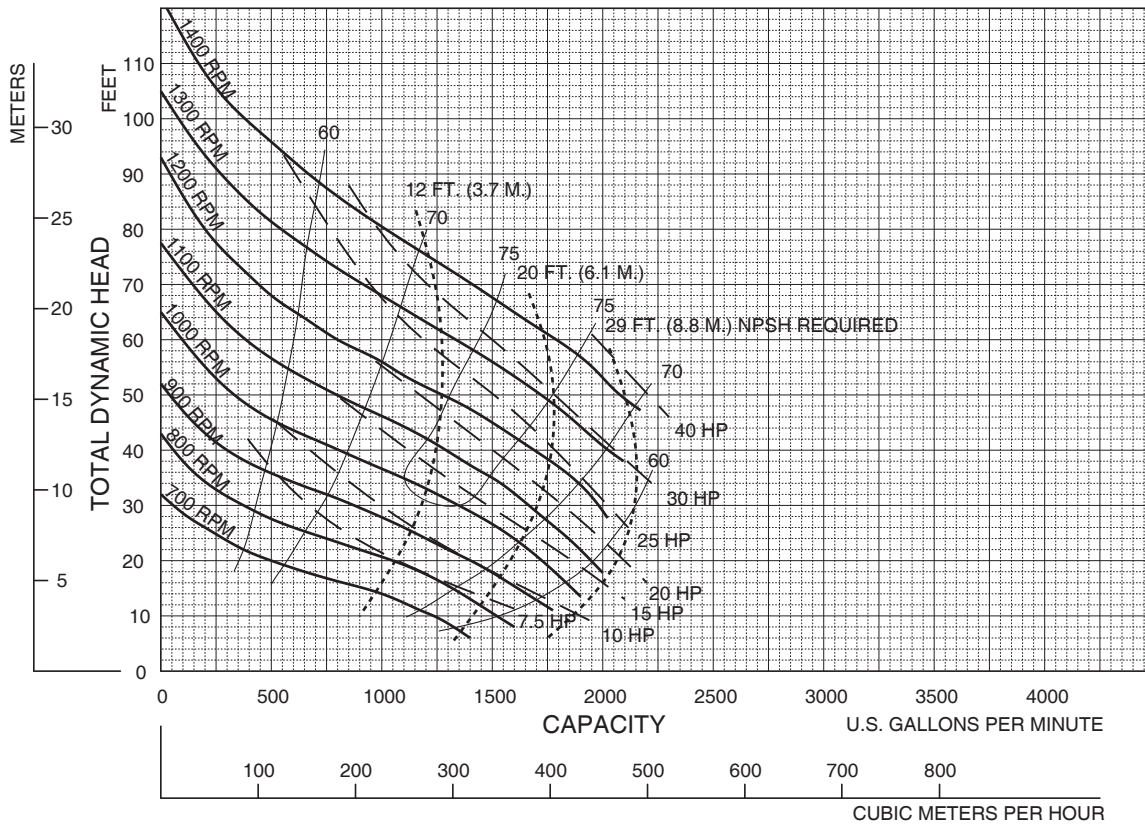


6NHPP

Feet x .305 = Meters
 Inches x 25.4 = Millimeters
 GPM x .227 = Cubic Meters/Hour
 GPM x 3.785 = Liters/Minute
 HP x .746 = KW

Speed	Impeller Dia.	Style	Solids Dia.	N _S	Suction	Discharge	No. vanes
VARIOUS	13.5"	ENCLOSED	4"x6"	2600	6"	6"	1

SINGLE VOLUTE MOUNTING CONFIG.: CC, VM, F, VF, EM, VC



Performances shown are for cool water, close-coupled electric configuration with Cyclo Seal.™ Other mounting styles or liquids may require horsepower and/or performance adjustments.

NEW PAGE

6NHPPVA

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Gemstone Pump Company

6NHPP - VARIOUS RPM